

Amendments to the Claims:

The following is a full set of claims pending in this application, replacing all prior versions of the claims and including markings to show the amendments made herein.

We claim:

Claims 1-11 (canceled)

1 **Claim 12 (withdrawn):** A method of ensuring that a subject with a respiratory condition
2 follows a prescribed treatment protocol, comprising:
3 causing measurement of the subject's exhaled nitric oxide to occur; and
4 using said nitric oxide concentration in a function to determine if the subject is
5 following said prescribed treatment protocol.

1 **Claim 13 (withdrawn):** The method according to claim 12, wherein said respiratory condition
2 is asthma.

1 **Claim 14 (withdrawn):** The method according to claim 13, wherein said measurement occurs
2 at least weekly.

1 **Claim 15 (withdrawn):** The method according to claim 14, wherein said measurement occurs
2 daily.

1 **Claim 16 (withdrawn):** A method of managing a respiratory condition in a subject, comprising:
2 causing measurement of the subject's exhaled nitric oxide to occur; and
3 using said nitric oxide concentration to create a treatment protocol for said
4 subject.

1 **Claim 17 (withdrawn):** The method according to claim 16, wherein said respiratory condition
2 is asthma.

1 **Claim 18 (new):** A method for managing a respiratory condition characterized by inflammation
2 of air passageways in a subject who is undergoing treatment for said condition, said method
3 comprising:

4 (a) establishing a baseline range of nitric oxide concentration in said exhaled
5 breath, said baseline range representing said condition being under control in said
6 subject;

7 (b) measuring nitric oxide concentrations in a series of samples of exhaled breath
8 taken from said subject at a measurement frequency of at least three times per week over
9 a period of at least seven days, and comparing said nitric oxide concentrations so
10 measured to said baseline range;

11 (c) if said nitric oxide concentrations so measured are within said baseline range
12 or deviate therefrom by less than 5 ppb based on an exhalation rate of 50 mL/sec, or if
13 said nitric oxide concentrations exceed the upper limit of said baseline range by 5 ppb or
14 more based on an exhalation rate of 50 mL/sec but indicate a decreasing trend, continuing
15 said treatment without change; and

16 (d) if said nitric oxide concentrations so measured exceed said upper limit by 5
17 ppb or more without indicating a decreasing trend, modifying said treatment and
18 measuring nitric oxide concentrations in further samples of exhaled breath at said
19 frequency for at least five days and repeating step (c) as necessary to bring said nitric
20 oxide concentration within said baseline range or deviating therefrom by less than 5 ppb
21 based on an exhalation rate of 50 mL/sec.

1 **Claim 19 (new):** The method of claim 18 wherein said baseline range has an upper limit of 30
2 ppb and a lower limit of 20 ppb, based on an exhalation rate of 50 mL/sec.

1 **Claim 20 (new):** The method of claim 18 wherein said baseline range has an upper limit of 40
2 ppb and a lower limit of 20 ppb, based on an exhalation rate of 50 mL/sec.

1 **Claim 21 (new):** The method of claim 18 wherein said measurement frequency is once every
2 two days.

1 **Claim 22 (new):** The method of claim 18 wherein said measurement frequency is once per day.

1 **Claim 23 (new):** The method of claim 18 wherein said treatment comprises administration of
2 medication at a selected dosage, and said modifying of said treatment in step (d) comprises
3 increasing said dosage.

1 **Claim 24 (new):** The method of claim 18 wherein said treatment comprises administration of
2 medication at a selected frequency of administration, and said modifying of said treatment in
3 step (d) comprises increasing said frequency.

1 **Claim 25 (new):** The method of claim 18 wherein said treatment comprises administration of a
2 medication, and said modifying of said treatment in step (d) comprises changing said medication.

1 **Claim 26 (new):** The method of claim 18 wherein step (a) comprises obtaining said baseline
2 range from data obtained from said subject.

1 **Claim 27 (new):** The method of claim 18 wherein step (a) comprises obtaining said baseline
2 range from normative patient data not specific to said subject.